



CENTERLINE INBOARD PROFILE  
(GENERALLY LOOKING TO PORT)

0 1' 2' 4' 6' 8' 12' 16'  
SCALE: 3/16" = 1'-0"

SIZE	CAGE CODE	NOAA DRAWING NUMBER
D	0Y LJ5	NF-085-001
SCALE: 3/16"=12"		CAD FILENAME NF085001-4A SHT 4

## GENERAL NOTES

## LIST OF ABBREVIATIONS

1. THIS BOOKLET OF GENERAL PLANS WAS DEVELOPED UNDER TAR SSI-021(02) BASED ON A SHIPCHECK CONDUCTED AT CASCADE GENERAL, INC. IN PORTLAND, OREGON ON OCTOBER 28-30, 2002, FOLLOWING THE DEMILITARIZATION AND CONVERSION OF THE EX-USNV AGATE PASS (YTT-12) TO A NOAA RESEARCH VESSEL.

2. THIS DRAWING SUPERSEDES REFERENCES NO. 1, 2, 3, AND 4.

BHD	BULKHEAD
BU	BUREAU
CG	CLEANING GEAR
CONT	CONTROLLER
DC	DAMAGE CONTROL
DF	DRINKING FOUNTAIN
DO	DIESEL OIL
ENCAP	ENCAPSULATED
EM	EXPANDED METAL
FC	FILE CABINET
FCU	FAN COIL UNIT
FO	FUEL OIL
FRZR	FREEZER
FS	FIRE STATION
FW	FRESH WATER
FXD	FIXED
GEN	GENERATOR
H	HATCH
LAV	LAVATORY
LKR	LOCKER
MSD	MARINE SANITATION DEVICE
NT	NON-TIGHT
PP	PUMP
REFER	REFRIGERATOR
REFRD	REFRIGERATED
SH	SHOWER
SR	STATEROOM
SPLY	SUPPLY
SWBD	SWITCHBOARD
TBL	TABLE
TK	TANK
V	VENT
VL	VERTICAL LADDER
WC	WATER CLOSET
WDO	WINDOW
WT	WATERTIGHT
WTD	WATERTIGHT DOOR
XDCR	TRANSDUCER
XFMR	TRANSFORMER

REV	SHT	ZONE	ITEM	DESCRIPTION		DATE	APPD
A	2	10-B	1	ADDED VESSEL CALL LETTERS		1/31/03	
	2	10-C	2	MODIFIED VESSEL COMPLEMENT		RJH	
	7	55-B	3	MODIFIED BRIDGE CONSOLE			
B	3	20-C	1	ADDED 02 HOUSE & 01 DECK	EXTENSION	3/11/06	
	4	29-C	2	ADDED 02 HOUSE & 01 DECK	EXTENSION	BECI	
	5	42-C	3	MOD STOREROOM 2-7-4-A			
	6	49-C	4	ADDED 02 HOUSE & 01 DECK	EXTENSION		
	7	55-A 59-B 60-D	5	ADDED 02 HOUSE & 03 DECK	EXTENSION & 01 DECK EXTENSION		
C	ALL	-	1	GENERAL REVISION AND UPDATE		8/18/06	BECI

## REFERENCES

NO	TITLE	DRAWING NO
1	YTT 9 CLASS, GENERAL ARRANGEMENTS - HOLD PLAN	801-6500933
2	YTT 9 CLASS, INBOARD PROFILE	5777-005
3	YTT 9 CLASS, OUTBOARD PROFILE	801-6500930
4	YTT 9 CLASS, GENERAL ARRANGEMENTS - DECKS	801-6500934

7	FO'CSLE DECK, 02 LEVEL AND BRIDGE
6	MAIN DECK
5	HOLD LEVEL
4	INBOARD PROFILE
3	OUTBOARD PROFILE
2	GENERAL DATA
1	COVER SHEET
SHT	TITLE
	INDEX
	NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION OFFICE OF MARINE & AVIATION OPERATIONS
 Seaworthy Systems, Inc. P.O. BOX 4000 ESSEX, CT 06426 TEL: (860) 767-9081	NOAA SHIP NANCY FOSTER
CONTRACT # 50-ABNA-0-00032 TAR-SSI-021-(02)	BOOKLET OF GENERAL PLANS
DSGN -/-/-	
DWN -	
CHK 12/03/02 DAR 12/03/02	
CHK -/-/-	
NOAA APPROVAL	SIZE CAGE CODE NOAA DRAWING NUMBER D OYLJ5 NF-085-001
	REV C
	SCALE: AS SHOWN CAD FILENAME NF085001-1A SHT 1 OF 7

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DECK MACHINERY

TYPE	MANUFACTURER	PULL/CAPACITY	QTY
COM 15 WINCH	—	—	—
CT WINCH	MARKEY	—	1
J-FRAME	ALLIED SYSTEMS	—	1
A-FRAME	—	—	1
AFT CRANE	APPLETON MARINE	25,000 LBS	1
	GOODCRANE.COM	10,000 LBS @ 40ft	1

HABITABILITY	
SINGLE STATEROOM	2
DOUBLE STATEROOM	11
FOUR BUNK ROOMS	4
TOTAL BUNKS ABOARD	40
MESS	—

GENERAL CHARACTERISTICS

LENGTH OVERALL	186'-6"
LENGTH BETWEEN PERPENDICULARS	176'-7"
BEAM (MOLDED)	40'-0"
DEPTH TO MAIN DECK (MOLDED)	16'-0"
DESIGN DRAFT	10'-6"
MOLDED DISPLACEMENT (S.W.)	1182.37 LTONS
FRAME SPACING	24"

ENGINEERING

TYPE	MANUFACTURER	PULL/CAPACITY	QTY
MAIN PROPULSION (GEARED DIESEL)	CUMMINS	1250 BHP/1800 RPM	1
BOW THRUSTER (ELECTRIC)	OMNITHRUSTER	400 HP	1
Z-DRIVE UNIT	ULSTEIN	300 HP	2
SHIP'S SERVICE GENERATORS (450 VAC)	CUMMINS	395 KW	3
EMERGENCY GENERATOR (450 VAC)	CUMMINS	100 KW	1

NOTE: ELECTRICAL SERVICE: 450 VAC 3 PHASE, 220 &amp; 120 VAC SINGLE PHASE, 230 VDC, 120 VDC

SCIENTIFIC LABORATORY FACILITIES

WET LAB	440 Sq Ft
DRY LAB	295 Sq Ft

COMPLEMENT

OFFICERS	5
CREW	14
SCIENTISTS	17

LAUNCHES & SMALL BOATS

TYPE	PROPELLION	LENGTH	QTY
RHIB (AMBAR AM550)	OUTBOARD MOTOR	18.67 FEET	1

ELECTRONICSCOMMUNICATIONS

VHF/FM TRANSCEIVERS  
HF TRANSCEIVERS  
EMERGENCY RADIO AUTOALARM  
PORTABLE EMERGENCY TRANSCEIVER  
EPIRB'S

NAVIGATION

RADAR  
GYROCOMPASS  
GMDSS  
SATNAV

ACOUSTICS

ACOUSTIC DOPPLER CURRENT PROFILER (ADCP)  
MULTIBEAM ECHO SOUNDER (EM1002)  
VERTICAL FISH FINDER  
DOPPLER SPEED LOG

SCIENTIFIC EQUIPMENT

XBT SYSTEM  
SHIPBOARD ENVIRONMENTAL  
ACQUISITION SYSTEM (SEAS)  
UNCONTAMINATED SALT WATER SYSTEM

SEWAGE WASTE CONTROL

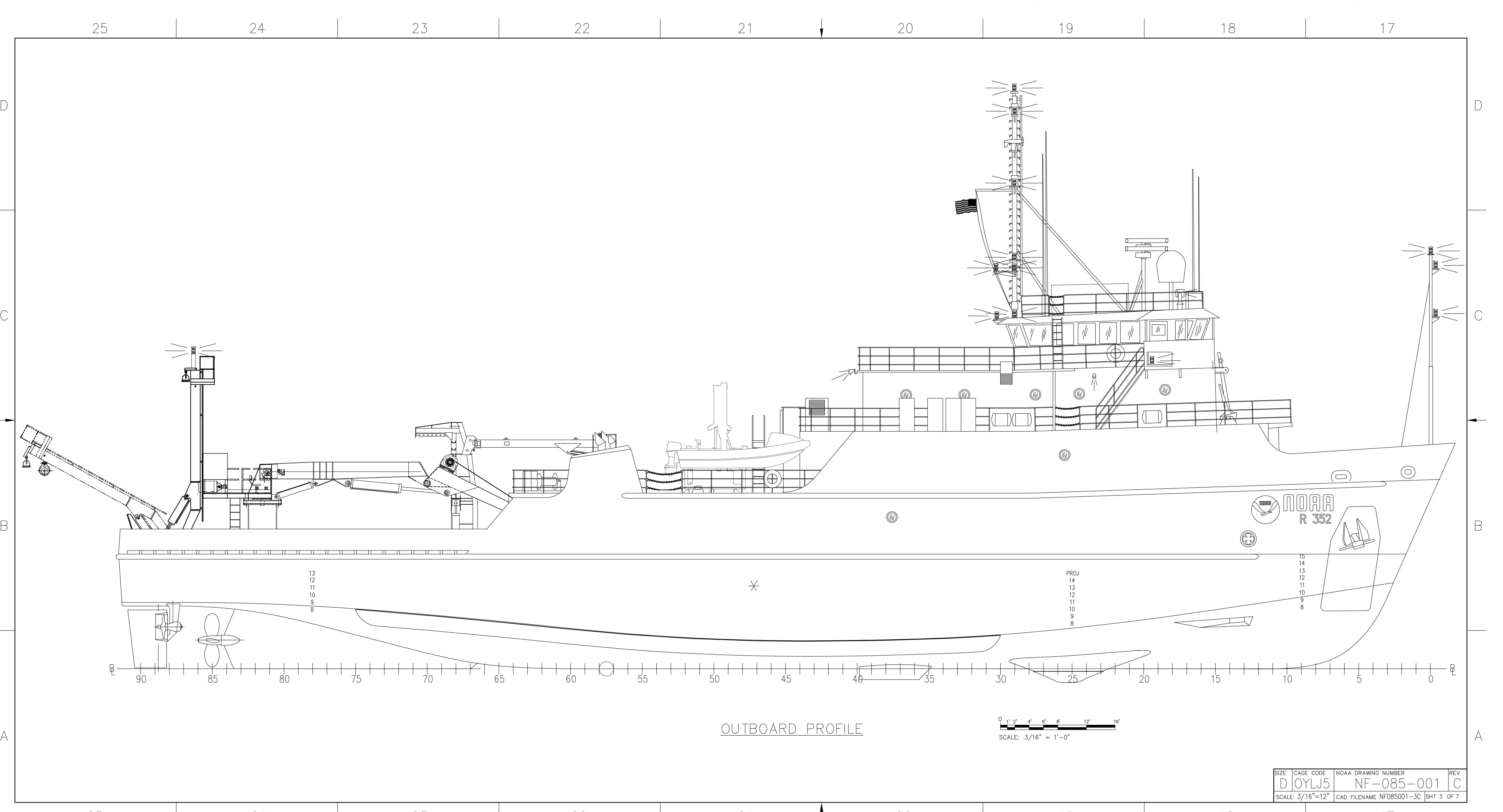
SYSTEM TYPE	CHT WITH MSD
MANUFACTURER	OMNIPURE 12MC
HOLDING CAPACITY	7,500 GALS

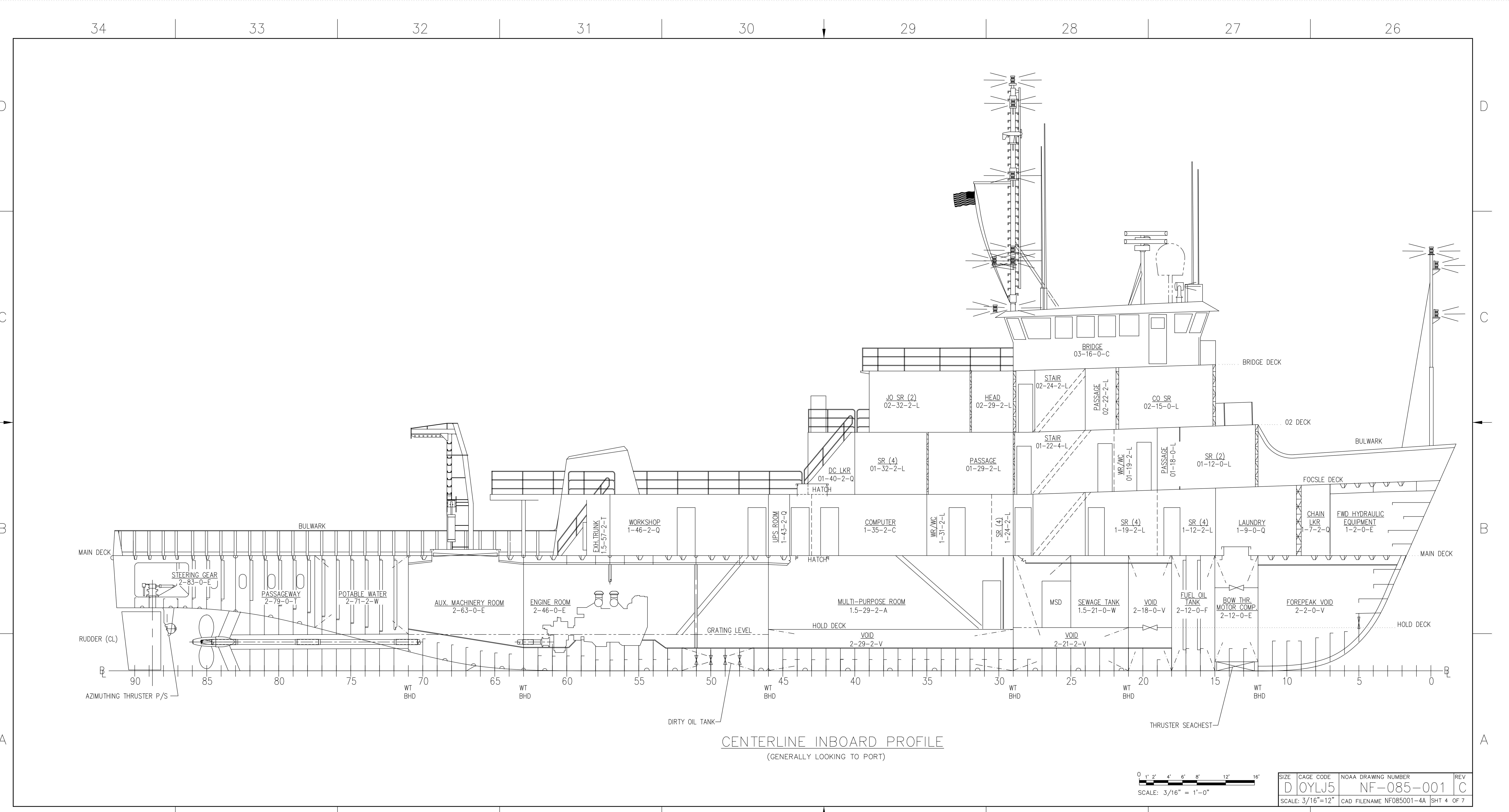
OILY WASTE CONTROL

SYSTEM TYPE	OILY WATER SEPARATOR
MANUFACTURER	VILLAGE MARINE
FLOW RATE	— GPM
HOLDING CAPACITY	— GALLONS

GENERAL INFORMATION

LAUNCHED	SEPTEMBER 1990
DELIVERED	JULY 1991
CONVERTED	DECEMBER 2002
CALL LETTERS	CASCADE GENERAL INC., PORTLAND, OR
BUILDER	WTER
HOMEPORT	McDERMOTT SHIPYARDS INC.
HULL	AMELIA, LA
	CHARLESTON, SC
	WELDED STEEL





43 | 42 | 41 | 40 | 39 | 38 | 37 | 36 | 35 | 34 | 33 | 32 | 31 | 30 | 29 | 28 | 27 | 26 | 25 | 24 | 23 | 22 | 21 | 20 | 19 | 18 | 17 | 16 | 15 | 14 | 13 | 12 | 11 | 10 | 9 | 8 | 7 | 6 | 5 | 4 | 3 | 2 | 1

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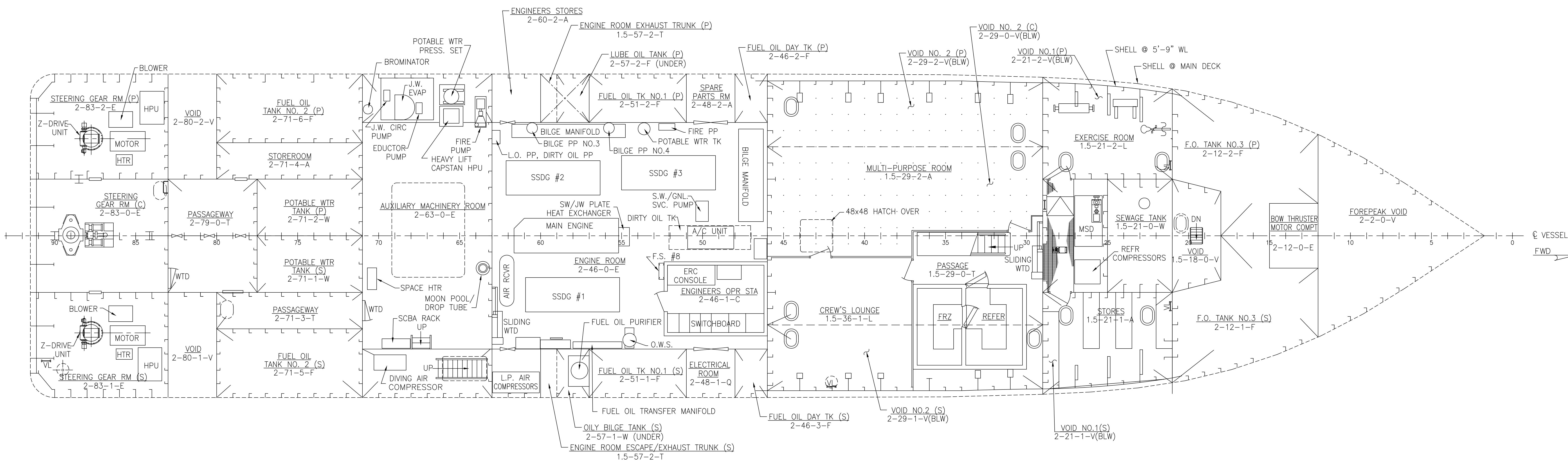
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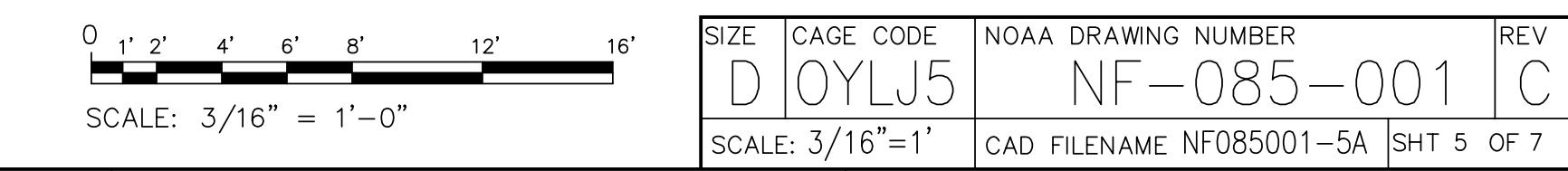
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## PLAN VIEW, HOLD

SCALE: 3/16" = 1'-0"



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